Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(dna with synthesis) and (bioreactor with array with gas)	USPAT	OR	OFF	2006/03/11 22:14
S2	45	(bioreactor with array and gas)	USPAT	OR	OFF	2006/03/11 19:43
S3	17	S2 and (spray\$ or vaporiz\$ or atomiz\$)	USPAT	OR	OFF	2006/03/11 19:43
S4	0	S2 and ((spray\$ or vaporiz\$ or atomiz\$) with substrate)	USPAT	OR	OFF	2006/03/11 19:44
S5	0	S2 and ((spray\$ or vaporiz\$ or atomiz\$) with microarray)	USPAT	OR	OFF	2006/03/11 19:44
S6	0	simultaneous\$ with (spray\$ or vaporiz\$ or atomiz\$ or aerosol\$) with microarray	USPAT	OR	OFF	2006/03/11 19:44
S7	0	(spray\$ or vaporiz\$ or atomiz\$ or aerosol\$) with microarray	USPAT	OR	OFF	2006/03/11 19:45
S8	9	(spray\$ or vaporiz\$ or atomiz\$ or aerosol\$) with microarray	US-PGPUB; USPAT	OR	OFF	2006/03/11 19:47
S9	38001	(spray\$ or vaporiz\$ or atomiz\$ or aerosol\$) with substrate	US-PGPUB; USPAT	OR	OFF	2006/03/11 19:46
S10	5334	S9 and (array or microarray)	US-PGPUB; USPAT	OR	OFF	2006/03/11 19:47
S11	3322	(spray\$ or vaporiz\$ or atomiz\$ or aerosol\$) with array	US-PGPUB; USPAT	OR	OFF	2006/03/11 19:47
S12	377	S11 and (dna or antibody)	US-PGPUB; USPAT	OR	ON	2006/03/11 19:47
S13	0	S12 and (simulatan\$ with (spray\$ or vaporiz\$ or atomiz\$ or aerosol\$) with array)	US-PGPUB; USPAT	OR	OFF	2006/03/11 19:47
S14	0	S12 and (simulatan\$ with (spray\$ or vaporiz\$ or atomiz\$ or aerosol\$))	US-PGPUB; USPAT	OR	OFF	2006/03/11 19:47
S15	42	S12 and (entire with (spray\$ or vaporiz\$ or atomiz\$ or aerosol\$))	US-PGPUB; USPAT	OR	OFF	2006/03/11 19:48
S16	1	("6573369").PN.	USPAT; USOCR	OR	OFF	2006/03/11 22:24
S17	3	(apply\$ with sample with printer) and (assay or dna or antibody)	USPAT	OR	ON	2006/03/11 22:50
S18	1	("6432360").PN.	USPAT; USOCR	OR	OFF	2006/03/11 22:50
S19	1	("6737024").PN	USPAT; USOCR	OR	OFF	2006/03/11 23:01
S21	163	(printer same computer same software) and (assay or dna or antibody)	USPAT	OR	ON	2006/03/11 23:01

S22	46	(printer with computer with software) and (assay or dna or antibody)	USPAT	OR	ON	2006/03/11 23:22
S23	24	S22 and (array or microarray)	USPAT	OR	ON ®	2006/03/11 23:22
S24	108	S21 and (array or microarray)	USPAT	OR	ON	2006/03/11 23:22
S25	84	S24 not S23	USPAT	OR	ON	2006/03/11 23:22
S26	71	S25 and (dna or antibody)	USPAT	OR	ON	2006/03/11 23:38
S27	1	S26 and ((software or computer) with (drops or droplets))	USPAT	OR	ON	2006/03/11 23:23
S28	17	S26 and ((software or computer) with (position))	USPAT	OR	ON	2006/03/11 23:38
S29	134	S21 and (dna or antibody)	USPAT	OR	ON	2006/03/11 23:38
S30	39	S22 and (dna or antibody)	USPAT	OR	ON	2006/03/11 23:38
S31	7	S30 and ((software or computer) with (position))	USPAT	OR	ON	2006/03/11 23:40
S32	7	S30 and S31	USPAT	OR	ON	2006/03/11 23:41
S33	32	S30 not S31	USPAT	OR	ON	2006/03/12 00:27
S34	1	("5743960").PN.	USPAT; USOCR	OR	OFF	2006/03/12 01:27
S35	1	("6432360").PN.	USPAT; USOCR	OR	OFF	2006/03/12 01:27

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S17 9	58	waveguide same electric and (quantum adj dot)	USPAT	OR	ON	2006/03/09 15:18
S18 0	26	S179 not S178	USPAT	OR	ON	2006/03/09 15:18
S24 7	565	simultaneous adj assay	USPAT	OR	OFF	2006/03/09 15:18
S33 1	564	(micron same (spray or spraying or aerosol)) and array	USPAT	OR	OFF	2006/03/09 15:44
S33 2	59	S331 and (micron same orifice)	USPAT	OR	OFF	2006/03/09 15:46
S33 3	1	S332 and reagent	USPAT	OR	OFF	2006/03/09 15:38
S33 4	1	("5916524").PN.	USPAT; USOCR	OR	OFF	2006/03/09 15:32
S33 5	1	("5981733").PN.	USPAT; USOCR	OR	OFF	2006/03/09 15:37
S33 6	0.	("L2andreagent").PN.	USPAT; USOCR	OR	OFF	2006/03/09 15:38
S33 7	.1	S332 and reagent	USPAT	OR	OFF	2006/03/09 15:38
S33 8	1	S332 and reagent	USPAT	OR	ON	2006/03/09 15:38
S33 9	52	S332 and (chemical or biological)	USPAT	OR	OFF	2006/03/09 15:38
S34 0	27	S339 and (syringes or microsyringes or pumps or micropumps)	USPAT	OR	OFF	2006/03/09 15:39
S34 1	141	(micron same (spray or spraying or aerosol)) and (assay or biological or reagent) and (syringes or microsyringes or pumps or micropumps or piezo-printing)	USPAT	OR	OFF	2006/03/09 15:45
S34 2	17	S341 and (micron same orifice)	USPAT	OR	OFF	2006/03/09 15:53
S34 3	46	printheads and reagent	USPAT	OR	OFF	2006/03/09 16:05
S34 4	12	S343 and (spray or spraying or aerosol)	USPAT	OR	OFF	2006/03/09 15:54
S34 5	9	S342 and (orifice with size)	USPAT	OR	OFF	2006/03/09 15:58
S34 6	0	S344 and (orifice with size)	USPAT	OR	OFF	2006/03/09 15:58

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S34 7	0	S344 and (orifice with microns)	USPAT	OR	OFF	2006/03/09 15:58
S34 8	28	S343 and (piezo-printing or piezo\$)	USPAT	OR	OFF	2006/03/09 15:59
S34 9	8	S348 and (orifice with size)	USPAT	OR	OFF	2006/03/09 16:01
S35 0	0	S348 and (orifice with micron)	USPAT	OR	OFF	2006/03/09 16:01
S35 1	2	S348 and (orifice with mm)	USPAT	OR	OFF	2006/03/09 16:02
S35 2	69	printhead and piezo\$ and reagent	USPAT	OR	OFF	2006/03/09 16:19
S35 3	14	S352 and (pumps or syringes or micropumps or microsyringes)	USPAT	OR	OFF	2006/03/09 16:09
S35	4	S353 and (orifice with size)	USPAT	OR	OFF	2006/03/09 16:06
4						
S35 5	14	S352 and (orifice with size)	USPAT	OR	OFF	2006/03/09 16:15
S35 6	131	printhead and reagent	USPAT	OR	OFF	2006/03/09 16:09
S35 7	19	S356 and (pumps or syringes or micropumps or microsyringes)	USPAT	OR	OFF	2006/03/09 16:19
S35 8	8	S357 and (orifice with (size or diameter))	USPAT	OR	OFF	2006/03/09 16:09
S35 9	10	S352 and (orifice with diameter)	USPAT	OR	OFF	2006/03/09 16:15
S36	149	reagent and (print or printing) and	USPAT	OR	ON'	2006/03/09 16:20
0		(pumps or syringes or micropumps				
		or microsyringes) and (orifice with (size or diameter or micron or mm				
		or millimeters))				
S36 1	67	S360 and (biological)	USPAT	OR	ON	2006/03/09 17:09
S36 2	48	microsyringes and (aerosol or spray or spraying) and printing	USPAT	OR	ON	2006/03/09 17:14
S36 3	6	S362 and orifice	USPAT	OR	ON	2006/03/09 17:10
S36 4	1005	syringes and (aerosol or spray or spraying) and printing	USPAT	OR	ON	2006/03/09 17:14
S36 5	6	S363 and (reagents or sample)	USPAT	OR	ON	2006/03/09 17:14
S36	6	S363 and (reagent or sample)	USPAT	OR	ON	2006/03/09 17:14
6						
S36 7	695	S364 and (reagent or sample)	USPAT	OR	ON	2006/03/09 17:14
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S36 8	260	S367 and biological	USPAT	OR	ON	2006/03/09 17:14
S36 9	49	S368 and orifice	USPAT	OR	ON	2006/03/09 17:26
S37 0	0	(ink adj jet) and reagent and bological and orificce	USPAT	OR	ON	2006/03/09 17:26
S37 1	.0	(ink adj jet) and reagent and bological and orifice	USPAT	OR	ON	2006/03/09 17:27
S37 2	139	(ink adj jet) and reagent and biological and orifice	USPAT	OR	ON	2006/03/09 17:29
S37 3	1	("5981733").PN.	USPAT; USOCR	OR	OFF	2006/03/09 17:28
S37 4	70	(ink adj jet) and reagent and biological and orifices	USPAT	OR	ON	2006/03/09 17:40
S37 5	42	S374 and ((orifice with (size or diameter)) or (spot with (size or	USPAT	OR	ON	2006/03/09 17:32
S37 6	17	diameter))) S375 and (spray or spraying and aerosol)	USPAT	OR	ON	2006/03/09 17:32
S37 7	15	(screen adj printing) and reagent and biological and orifices	USPAT	OR	ON	2006/03/09 17:45
S37 8	15	S377 and orifices	USPAT	OR	ON	2006/03/09 17:41
S37 9	2	S378 and (orifice with (size or diameter))	USPAT	OR	ON	2006/03/09 17:41
S38 0	o	S378 and (spot with (size or diameter))	USPAT	OR	ON	2006/03/09 17:41
S38 1	15	S378 and (aerosol or spray or spraying)	USPAT	OR	ON	2006/03/09 17:45
S38 2	91	(printing) and reagent and biological and orifices	USPAT	OR	ON	2006/03/09 17:48
S38 3	15	S381 and (aerosol or spray or spraying)	USPAT	OR	ON	2006/03/09 17:46
S38 4	4817	(printing) and biological	USPAT	OR	ON	2006/03/09 17:48
S38 5	1423	S384 and (spray or spraying or aerosol)	USPAT	OR	ON	2006/03/09 17:48
S38 6	1423	(printing) and biological and (spraying or spray or aerosol)	USPAT	OR	ON	2006/03/09 18:02
S38 7	67	S386 and orifices	USPAT	OR	ON	2006/03/09 17:49
S38 8	352	(printing) and biological and (vaporization or atomization or vaporiz\$)	USPAT	OR	ON	2006/03/09 18:03

S38 9	38	(printing) and biological and ((orifice or nozzle) with (aporization or atomization or vaporiz\$))	USPAT	OR	ON	2006/03/09 18:21
S39 0	25	S389 and ((nozzle or orifice) with (size or diameter or microns or millimeters))	USPAT	OR	ON	2006/03/09 18:14
S39 1	14	S390 and (syringes or microsyringes or pumps or micropumps)	USPAT	OR	ON	2006/03/09 18:20
S39 2	21	S389 and (syringes or microsyringes or pumps or micropumps)	USPAT	OR	ON	2006/03/09 18:22
S39 3	7	S392 not S391	USPAT	OR	ON	2006/03/09 18:20
S39 4	189	(printing) and biological and (orifice or nozzle) and (atomization or vaporizs)	USPAT	OR	ON	2006/03/09 18:31
S39 5	112	S394 and (syringes or microsyringes or pumps or micropumps)	USPAT	OR	ON	2006/03/09 18:32
S39 6	.	S395 and ((printing) same (atomization or vaporiz\$))	USPAT	OR	ON	2006/03/09 18:25
S39 7	1	("6221653").PN.	USPAT; USOCR	OR	OFF	2006/03/09 18:26
S39 8	0	S397 and reagent and sample and (print or printing)	USPAT	OR	OFF	2006/03/09 18:26
S39 9	0	S397 and reagent and sample	USPAT	OR	OFF	2006/03/09 18:26
S40 0	1	S397 and reagent and sample and (print or printing)	USPAT	OR	ON	2006/03/09 18:27
S40 1	109700	(printing) and biological (atomization or vaporiz\$)	USPAT	OR	ON	2006/03/09 18:52
S40 2	39248	S401 and (syringes or microsyringes or pumps or micropumps)	USPAT	OR	ON	2006/03/09 18:42
S40 3	899	S402 and ((print\$ same biological) or (print\$ same (atomization or vaporiz\$)))	USPAT	OR	ON	2006/03/09 18:41
S40 4	70	S403 and ((atomiz\$ or vaporiz\$) with (syringes or microsyringes or pumps or micropumps))	USPAT	OR	ON	2006/03/09 18:34
S40 5	689	S402 and (print\$ same (atomization or vaporiz\$))	USPAT	OR	ON	2006/03/09 18:42
S40 6	621	S405 not S404	USPAT	OR	ON	2006/03/09 18:42

S40 7	67	S406 and ((syringes or microsyringes or pumps or micropumps) same (vapori\$ or atomiz\$))	USPAT	OR	ON	2006/03/09 18:52
S40 8	67	S407 not "L746" and ((syringes or microsyringes or pumps or micropumps) same (vapori\$ or atomiz\$))	USPAT	OR	ON	2006/03/09 18:43
S40 9	67	S407 not S404	USPAT	OR	ON	2006/03/09 18:43
S41 0	352	(printing) and biological and (atomization or vaporiz\$)	USPAT	OR	ON	2006/03/09 18:52
S41 1	23	S410 and ((syringes or microsyringes or pumps or micropumps) same (vapori\$ or atomiz\$))	USPAT	OR	ON	2006/03/09 18:55
S41 2	183	S410 and (syringes or microsyringes or pumps or micropumps)	USPAT	OR	ON	2006/03/09 18:55
S41 3	95	S410 and (syringes or microsyringes or pumps or micropumps)	USPAT	OR	OFF	2006/03/09 19:13
S41 4	0	(dispensor with (syringes or microsyringes)) and (reagent or sample) and (assay or reaction)	USPAT	OR	OFF	.2006/03/09 19:14
S41 5	0	(dispensor same (syringes or microsyringes)) and (reagent or sample) and (assay or reaction)	USPAT	OR	OFF	2006/03/09 19:14
S41 6	0	(dispensor same (micropumps)) and (reagent or sample) and (assay or reaction)	USPAT	OR	OFF	2006/03/09 19:15
S41 7	5	((micropumps) with print\$) and (reagent or sample) and (assay or reaction)	US-PGPUB; USPAT	OR	OFF	2006/03/09 19:18
S41 8	482	((micropumps)) and (reagent or sample) and (assay or reaction)	US-PGPUB; USPAT	OR	OFF	2006/03/09 19:18
S41 9	5	(microsyringes with (reagent or sample)) and (assay or reaction)	US-PGPUB; USPAT	OR	OFF	2006/03/09 19:20
S42 0	13	(microsyringes same (reagent or sample)) and (assay or reaction)	US-PGPUB; USPAT	OR	OFF	2006/03/09 19:22
S42 1	8	S420 not S419	US-PGPUB; USPAT	OR	OFF	2006/03/09 19:21
S42 2	6	((microsyringe adj pumps) same (reagent or sample)) and (assay or reaction)	US-PGPUB; USPAT	OR	OFF	2006/03/09 19:24

S42 3	58	((microsyringe adj pumps) and (reagent or sample)) and (assay or reaction)	US-PGPUB; USPAT	OR	ON	2006/03/09 19:41
S42 4	22	S423 and (aerosol\$ or vaporiz\$ or atomiz\$ or spray\$)	US-PGPUB; USPAT	ÓR	ON	2006/03/09 19:28
S42 5	36	S423 not S424	US-PGPUB; USPAT	OR	ON	2006/03/09 19:29
S42 6		("5106650").PN.	USPAT; USOCR	OR	ÖFF	2006/03/09 19:42
S42 7	1	("5981733").PN.	USPAT; USOCR	OR	OFF	2006/03/09 19:43
S42 8	1	("6450189").PN.	USPAT; USOCR	OR	OFF	2006/03/09 19:45
S42 9	1	("7008037").PN.	USPAT; USOCR	OR	OFF	2006/03/09 19:46
S43 0	-1	("6689323").PN	USPAT; USOCR	OR	OFF	2006/03/09 19:46
S43 1	1	("6884580").PN.	USPAT; USOCR	OR	OFF	2006/03/09 19:48
S43 2	. .	("6852560").PN	USPAT; USOCR	OR	OFF	2006/03/09 19:49
S43 3	3055	spray adj guns	USPAT	OR	OFF	2006/03/09 19:49
S43 4	33	S433 and reagent	USPAT	OR	OFF	2006/03/09 19:52
S43 5	2	((printhead or printer or printing) same (micropumps)) and reagent and biological	USPAT	OR	OFF	2006/03/09 19:56
S43 6	2	((printhead or printer or printing or print) same (micropumps)) and	USPAT	OR	OFF	2006/03/09 19:56
S43 7	8	reagent and biological ((printhead or printer or printing or print) same (micropumps)) and biological	USPAT	OR	OFF	2006/03/09 19:59
S43 8	5	((printhead or printer or printing or print) same (micropumps)) and	USPAT	OR	OFF	2006/03/09 20:28
S43	1	reagent ("5585069").PN.	USPAT;	OR	OFF	2006/03/09 20:23
9 S44	15	((printhead or printer or printing or	USOCR USPAT	OR	OFF	2006/03/09 20:34
0 S44 1	329	print) same (piston)) and reagent ((printhead or printer or printing or print) and (piston)) and reagent	USPAT	OR	OFF	2006/03/09 21:07
S44 2	16	((printhead or printer or printing or print) same (plunger)) and reagent	USPAT	OR	OFF	2006/03/09 20:48

S44 3	127	S441 and biological	USPAT	OR	OFF	2006/03/09 20:47
S44 4	8	((printhead or printer or printing or print) same (plungers)) and reagent	USPAT	OR	OFF	2006/03/09 21:01
S44 5	4	((printhead or printer or printing or print) same (pistons)) and reagent	USPAT	OR	OFF	2006/03/09 21:02
S44 6	0	(plurality with microsyringes) and reagent	USPAT	OR	OFF	2006/03/09 21:03
S44 7	17	(plurality with micropumps) and reagent	USPAT	OR	OFF	2006/03/09 21:03
S44 8	74	((printhead or printer or printing or print) and (pistons)) and reagent	USPAT	OR	OFF	2006/03/09 21:07
S44 9	3	((printhead or printer or printing or print) and (microsyringes)) and reagent	USPAT	OR	OFF	2006/03/09 21:43
S45 0	2650	thermal with inkjet	USPAT	OR	OFF	2006/03/09 21:43
S45 1	129	S450 and (plunger or piston)	USPAT	OR	OFF	2006/03/09 21:43
S45 2	7	S451 and (reagent or biological or assay)	USPAT	OR	OFF	2006/03/09 21:46
S45 3	3	((plunger or plunger-type) with (ink with jet)) and (reagent or biological or assay)	USPAT	OR	ON	2006/03/09 21:49
S45 4	9	((plunger or plunger-type) same (ink with jet)) and (reagent or biological or assay)	USPAT	OR	ON	2006/03/09 21:49
S45 5	6	S454 not S453	USPAT	OR	ON	2006/03/09 21:50